

Summary of Michigan Wildlife Chronic Wasting Disease Surveillance

Updated May 1, 2008 by Michigan Department of Natural Resources, Wildlife Disease Laboratory

Background

Michigan's success in preventing and responding to the threat of Chronic Wasting Disease is underpinned by rigorous surveillance, strong public education efforts, and responsive scientific laboratory support.

MDNR's surveillance efforts are threefold: "Targeted" (identifying and testing free-ranging cervids statewide that show symptoms consistent with CWD), "Active" (testing of outwardly healthy cervids harvested by hunters), and "Roadkill" (testing of free-ranging cervids collected as roadkill). Testing priority is established by considering factors such as: the number of privately owned cervid facilities in a county; the presence of cervid research facilities; and geographic location. Counties judged on the basis of epidemiological factors to be of higher risk may be sampled repeatedly during this period.

| | Free-ranging White-tailed Deer Active CWD Surveillance | | Free-ranging White-tailed Deer Roadkill CWD Surveillance | | Free-ranging White-tailed Deer Targeted CWD Surveillance | | Total White-tailed Deer Tested |
|-------------|--|-------------------|--|-------------------|--|-------------------|--------------------------------|
| Year | Number of Deer Positive | Total Deer Tested | Number of Deer Positive | Total Deer Tested | Number of Deer Positive | Total Deer Tested | |
| 1998 | 0 | 459 | 0 | 0 | 0 | 0 | 459 |
| 2002 | 0 | 4,305 | 0 | 24 | 0 | 44 | 4,373 |
| 2003 | 0 | 5,506 | 0 | 52 | 0 | 59 | 5,617 |
| 2004 | 0 | 6,706 | 0 | 43 | 0 | 68 | 6,817 |
| 2005 | 0 | 1,598 | 0 | 19 | 0 | 82 | 1,699 |
| 2006 | 0 | 1,472 | 0 | 9 | 0 | 71 | 1,552 |
| 2007 | 0 | 1,300 | 0 | 7 | 0 | 47 | 1,354 |
| 2008 | 0 | 8 | 0 | 2 | 0 | 9 | 19 |
| Grand total | 0 | 21,354 | 0 | 156 | 0 | 380 | 21,890 |

TOTAL DEER TESTED- 21,890

| | Free-ranging Elk Active CWD Surveillance | | Free-ranging Elk Roadkill CWD Surveillance | | Free-ranging Elk Targeted CWD Surveillance | | Total Elk Tested |
|-------------|--|------------------|--|------------------|--|------------------|------------------|
| Year | Number of Elk Positive | Total Elk Tested | Number of Elk Positive | Total Elk Tested | Number of Elk Positive | Total Elk Tested | |
| 2002 | 0 | 109 | 0 | 4 | 0 | 1 | 114 |
| 2003 | 0 | 84 | 0 | 9 | 0 | 2 | 95 |
| 2004 | 0 | 98 | 0 | 8 | 0 | 2 | 108 |
| 2005 | 0 | 115 | 0 | 9 | 0 | 4 | 128 |
| 2006 | 0 | 144 | 0 | 10 | 0 | 3 | 157 |
| 2007 | 0 | 178 | | 10 | 0 | 7 | 195 |
| 2008 | 0 | 0 | 0 | 1 | 0 | 2 | 3 |
| Grand total | 0 | 728 | 0 | 51 | 0 | 21 | 800 |

TOTAL ELK TESTED- 800

| | Free-ranging Moose Active CWD Surveillance | | Free-ranging Moose Roadkill CWD Surveillance | | Free-ranging Moose Targeted CWD Surveillance | | Total Moose Tested |
|-------------|--|--------------------|--|--------------------|--|--------------------|--------------------|
| Year | Number of Moose Positive | Total Moose Tested | Number of Moose Positive | Total Moose Tested | Number of Moose Positive | Total Moose Tested | |
| 2003 | 0 | 8 | 0 | 0 | 0 | 0 | 8 |
| 2004 | 0 | 9 | 0 | 3 | 0 | 0 | 12 |
| 2005 | 0 | 3 | 0 | 2 | 0 | 2 | 7 |
| 2006 | 0 | 5 | 0 | 3 | 0 | 0 | 8 |
| 2007 | 0 | 3 | 0 | 3 | 0 | 1 | 7 |
| 2008 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand total | 0 | 28 | 0 | 11 | 0 | 3 | 42 |

TOTAL MOOSE TESTED- 42